

## AMENDMENTS TO THE SPECIFICATION:

Please insert the following new paragraphs on page 4, after line 22:

Those described hydroxyl protective groups are ethers, esters, and, for 1,2- and 1,3-DIOLS, cyclic acetals and ketals and cyclic ortho esters.

The ethers include:

Methyl

### **Substituted Methyl Ethers**

Methoxymethyl (MOM Group)

Methylthiomethyl (MTM Group)

Benzyloxymethyl

*t*-Bytoxymethyl

2-Methoxyethoxymethyl (MEM Group)

2,2,2-Trichloroethoxymethyl

Bis(2-chloroethoxy)methyl

2-(Trimethylsilyl)ethoxymethyl

Tetrahydropyranyl (THP Group)

3-Bromotetrahydropyranyl

Tetrahydrothiopyranyl

4-Methoxytetrahydropyranyl

4-Methoxytetrahydrothiopyranyl

4-Methoxytetrahydrothiopyranyl S,S-Dioxido

Tetrahydrofuranyl

Tetrahydrothiofuranyl

### **Substituted Ethyl Ethers**

1-Ethoxyethyl

1-Methyl-1-methoxyethyl

1-(Isopropoxy)ethyl

2,2,2-Trichloroethyl

2-(Phenylselenyl)ethyl

*t*-Butyl

Allyl

Cinnamyl

*p*-Chlorophenyl

Benzyl

*p*-Methoxybenzyl

*o*-Nitrobenzyl

*p*-Nitrobenzyl

*p*-Halobenzyl

*p*-Cyanobenzyl

3-Methyl-2-picolyl N-Oxido  
Diphenylmethyl  
5-Dibenzosuberyl  
Triphenylmethyl  
     $\alpha$ -Naphthyldiphenylmethyl  
    *p*-Methoxyphenyldiphenylmethyl  
    *p*-(*p*'-Bromophenacyloxy)phenyldiphenylmethyl  
9-Anthryl  
9-(9-Phenyl)xanthenyl  
9-(9-Phenyl-10-oxo)anthryl (Tritylone Group)  
Benzisothiazolyl S,S-Dioxido

**Silyl Ethers**

Trimethylsilyl (TMS Group)  
Triethylsilyl  
Isopropyldimethylsilyl  
*t*-Butyldimethylsilyl (TBDMS Group)  
(Triphenylmethyl)dimethylsilyl  
*t*-Butyldiphenylsilyl  
Methyldiisopropylsilyl  
Methyldi-*t*-butylsilyl  
Tribenzylsilyl  
    Tri-*p*-xylylsilyl  
Triisopropylsilyl  
Triphenylsilyl

The esters include:

Formate  
    Benzoylformate  
Acetate  
    Chloroacetate  
    Dichloroacetate  
    Trichloroacetate  
    Trifluoroacetate  
    Methoxyacetate  
    Triphenylmethoxyacetate  
    Phenoxyacetate  
        *p*-Chlorophenoxyacetate  
        2,6-Dichloro-4-methylphenoxyacetate  
        2,6-Dichloro-4-(1,1,3,3-tetramethylbutyl)phenoxyacetate  
        2,4-Bis(1,1-dimethylpropyl)phenoxyacetate  
    Chlorodiphenylacetate  
    *p*-Tolylphenylacetate  
3-Phenylpropionate  
3-Benzoylpropionate

Isobutyrate  
Monosuccinoate  
4-Oxopentanoate (Levulinate)  
Pivaloate  
Adamantoate  
Crotonate  
    4-Methoxycrotonate  
(*E*)-2-Methyl-2-butenate (Tigloate)  
Benzoate  
    *o*-(Dibromomethyl)benzoate  
    *o*-(Methoxycarbonyl)benzoate  
    *p*-Phenylbenzoate  
    2,4,6-Trimethylbenzoate (Mesitoate)  
    *p*-<sup>⊕</sup>-Benzoate  
 $\alpha$ -Naphthoate  
**Carbonates**  
    Methyl  
    Ethyl  
    2,2,2-Trichloroethyl  
    Isobutyl  
    Vinyl  
    Allyl  
    Cinnamyl  
    *p*-Nitrophenyl  
    Benzyl  
        *p*-Methoxybenzyl  
        3,4-Dimethoxybenzyl  
        *o*-Nitrobenzyl  
        *p*-Nitrobenzyl  
    *S*-Benzyl Thiocarbonate  
**Miscellaneous**  
    *N*-Phenylcarbamate  
    *N*-Imidazolylcarbamate  
    Borate  
    Nitrate  
    *N,N,N',N'*-Tetramethylphosphorodiamidate  
    2,4-Dinitrophenylsulfenate

For protection of 1,2- and 1,3-DIOLS, the cyclic acetals and ketals include:

    Methylene  
    Ethylidene  
        1-*t*-Butylethylidene  
        1-Phenylethylidene

2,2,2-Trichloroethylidene  
Acetonide (Isopropylidene)  
Butylidene  
Cyclopentylidene  
Cyclohexylidene  
Cycloheptylidene  
Benzylidene  
    *p*-Methoxybenzylidene  
    2,4-Dimethoxybenzylidene  
    *p*-Dimethylaminobenzylidene  
    *o*-Nitrobenzylidene  
    *p*-Ⓢ-Benzylidene  
Phenanthrylidene Derivative;

whereas the cyclic ortho esters include:

Methoxymethylene  
Ethoxymethylene  
    Dimethoxymethylene  
1-Methoxyethylidene  
    1,2-Dimethoxyethylidene  
α-Methoxybenzylidene  
1-(*N,N*-Dimethylamino)ethylidene Derivative  
α-(*N,N*-Dimethylamino)benzylidene Derivative  
Disiloxanylidene Derivative  
Stannoxane Derivative  
Cyclic Carbonates  
Cyclic Boronates  
    Phenyl Boronate  
    *p*-Ⓢ-Phenyl Boronate